

# Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the

COMMUNICABLE DISEASE CENTER

MElrose 4-5131

For release December 29, 1961

Atlanta 22, Georgia

Vol. 10, No. 51

Provisional Information on Selected Notifiable Diseases in the United States and on  
Deaths in Selected Cities for Week Ended December 23, 1961

**Influenza** - Influenza B outbreaks have been confirmed in six of seven States in which acute respiratory disease continues to spread. Isolates or serologic titer rises have been obtained in California, Oregon, Colorado, Arizona, Missouri, and Florida. Laboratory studies are still in progress in the State of Washington.

The highest attack rates have been noted in school children; industrial absenteeism, in general, has not been significantly increased. Reported influenza and pneumonia deaths do not at this time show increase above expected levels either nationally or by district.

In England and Wales, Influenza B has been isolated from outbreaks in several areas. A considerable rise in

influenza and pneumonia deaths occurred during the weeks ending December 2, 10, and 16.

No isolations of Type A Influenza Virus (Asian or other subtype) have as yet been reported in this country.

**California** - Outbreaks of respiratory disease previously reported from the major urban areas of the State appear to be spreading into the rural areas. These have been confirmed as due to Influenza B in the Los Angeles and greater San Francisco areas.

**Oregon** - Five serologic titer rises implicate Influenza B in recent disease outbreaks in Oregon.

**Washington State** - School absenteeism due to Influenza-like disease has occurred in a belt of counties extending from

Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	51st Week			Cumulative						Approximate seasonal low point	
	Ended Dec. 23, 1961	Ended Dec. 24, 1960	Median 1956-60	First 51 weeks			Since seasonal low week				
				1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60		
* Weekly incidence low or sporadic	-	-	*	7	18	*	*	*	*	*	
--- Data not available	-	-	*	6	10	*	*	*	*	*	
- Quantity zero	-	-		566	729	778	*	*	*	*	
Anthrax-----062	-	-	*	7	18	*	*	*	*	*	
Botulism-----049.1	-	-	*	6	10	*	*	*	*	*	
Brucellosis (undulant fever)-----044	4	7	7	566	729	778	*	*	*	*	
Diphtheria-----055	5	18	29	570	846	911	261	500	546	July 1	
Encephalitis, infectious-----082	21	16	22	1,621	1,822	2,063	1,621	1,822	2,063	Jan. 1	
Hepatitis, infectious, and serum-----092, N998.5 pt.	1,195	996	319	71,402	40,148	18,801	18,700	14,355	4,764	Sept. 1	
Malaria-----110-117	-	1	*	59	72	*	*	*	*	*	
Measles-----085	3,985	4,316	4,139	417,504	432,108	474,226	31,876	31,809	32,159	Sept. 1	
Meningitis, aseptic-----340 pt.	19	38	---	3,076	2,954	---	3,076	2,954	---	Jan. 1	
Meningococcal infections-----057	49	35	43	2,118	2,151	2,560	603	611	686	Sept. 1	
Poliomyelitis-----080	8	30	66	1,308	3,240	5,957	1,205	3,025	5,742	Apr. 1	
-Paralytic-----080.0, 080.1	6	16	33	853	2,256	3,037	793	2,088	2,917	Apr. 1	
Nonparalytic-----080.2	-	8	16	310	643	2,012	285	616	1,947	Apr. 1	
Unspecified-----080.3	2	6	17	145	341	908	127	321	878	Apr. 1	
Psittacosis-----096.2	-	7	*	89	103	*	*	*	*	*	
Rabies in man-----094	-	-	*	3	2	*	*	*	*	*	
Streptococcal sore throat, including scarlet fever-----050, 051	5,663	5,303	---	310,650	301,682	---	91,439	---	---	Aug. 1	
Typhoid fever-----040	7	22	15	805	808	1,045	691	674	865	Apr. 1	
Typhus fever, endemic-----101	-	1	*	42	63	*	*	*	*	*	
Rabies in animals-----	45	26	65	3,329	3,282	4,111	695	511	770	Oct. 1	

## Morbidity and Mortality Weekly Report

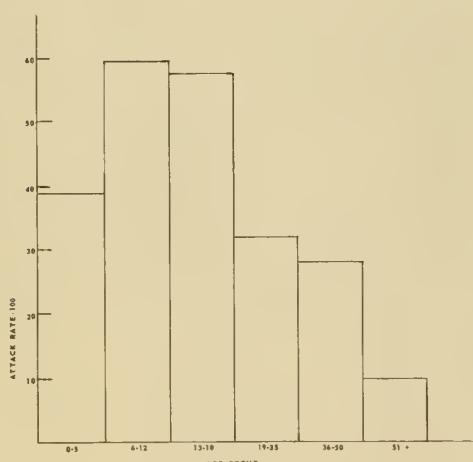
Portland, Oregon, northward to Seattle. In addition, two counties in north central Washington are involved: namely, Okanogan and Douglas Counties. Laboratory studies are in progress.

**Colorado** — School outbreaks of Influenza-like disease beginning in late November have extended to involve a number of schools in south central and southwestern Colorado. Outbreaks in south central Colorado have been confirmed as Type - B Influenza; laboratory examination of specimens from other areas is in progress.

Studies in the Durango area reveal that school absentee rates rose in late November from 5 percent to 10 to 14 percent at which level they persisted up to time of the Christmas school closing. In only one of the schools did absentee rates exceed 20 percent. During the December period from 45 to 55 percent of children in the different schools were absent for varying periods, the majority with respiratory disease. In the separate schools, the outbreaks appeared to move on a classroom by classroom pattern with absentee rates in the individual rooms ranging from 30 to 50 percent on peak days. Absentee rates in the high schools were somewhat lower than in the elementary schools. Although a number of the teachers were afflicted, adult illness appeared to be relatively infrequent. The five commercial firms in Durango reported no increase in absenteeism and physicians reported seeing few adult cases.

**Missouri and Illinois** — The appearance of influenza and influenza-like disease in Missouri and Southern Illinois has been multi-focal. Communities involved include Potosi, St. Louis, Jefferson City, Boonville, Cape Girardeau, and nearby Anna, Illinois. In general, the illness affected junior high students first, high school students second, and elementary school pupils last. School attack rates up to 40 percent were noted.

In the Potosi outbreak, a telephone survey was undertaken to determine community attack rates. Every fifteenth household owning a telephone was included in the survey. The occupants of sixty households constituted the study population. Results are shown below:



Throat swabbing from seven individuals have yielded Influenza B virus in eggs and tissue culture.

(Information for this summary was obtained from: Dr. Henry Renteln, California State Department of Public Health; Dr. Grant Skinner, Oregon State Board of Health; Dr. Ernest Ager, Washington State Department of Health; Dr. Cecil S. Mollohan, Colorado State Department of Public Health; Dr. E. A. Belden, Missouri Department of Public Health and Welfare; and a team from CDC Kansas City).

### EPIDEMIOLOGICAL REPORTS

#### Salmonellosis from Commercial Cake Mix — Newfoundland

In October, 20 cases clinically typical of *Salmonella* food poisoning occurred in the Come-by-Chance area in Newfoundland. From five persons, *Salmonella thompson* was isolated. Recovery in most was uneventful. However, a four-month old infant was hospitalized with gastroenteritis and severe dehydration and died after prolonged treatment. *Salmonella thompson* was recovered from repeated stool cultures.

As part of the investigation, packets of cake mixes obtained from a local supermarket were sent unopened to the provincial laboratory and *Salmonella thompson* was isolated from the contents.

(Reported by Dr. I. Severs, Department of Health, Newfoundland and Dr. E.W.R. Best, Department of National Health and Welfare, Canada in the Weekly Report of the Epidemiology Division of Department of National Health and Welfare, Ottawa, Canada)

#### Staphylococcal Food Poisoning — Massachusetts

In mid-November, approximately 200 students and a few school personnel of the 531 persons who ate a turkey dinner at an elementary school cafeteria became ill three to six hours later with nausea and vomiting. Ten of these were hospitalized overnight.

Several turkeys were cooked at the school but one was prepared in the home of one of the kitchen workers. She cooked it in her oven at a high temperature for four hours, between 12:30 and 4:30 A.M., then turned the oven down to 150° F. At 7:30 A.M., she removed it from the oven and brought it to the school, where she sliced and distributed it among five pans containing other turkeys which had already been sliced. The extra turkey was not under refrigeration from the time it was taken out of the oven at 7:30 until the meal was served at 11:15 A.M.

The woman who cooked the extra turkey at home appeared to have a mild sinus infection. The culture material taken from her nose was purulent and grew a coagulase positive *staphylococcus aureus*. This organism was grown

(Continued on page 8.)

# Morbidity and Mortality Weekly Report

3

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 24, 1960 AND DECEMBER 23, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin- gitis, aseptic	Brucel- losis (undu- lant fever)		
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic					
	51st Week		Cumulative, first 51 weeks		51st Week		Cumulative, first 51 weeks		080.2					
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	340 pt.	044		
UNITED STATES-----	8	30	1,308	3,240	6	16	853	2,256	-	8	19	4		
NEW ENGLAND-----	1	-	42	236	1	-	29	187	-	-	-	-		
Maine-----	-	-	6	53	-	-	6	52	-	-	-	-		
New Hampshire-----	1	-	3	-	1	-	1	-	-	-	-	-		
Vermont-----	-	-	9	11	-	-	8	6	-	-	-	-		
Massachusetts-----	-	-	18	34	-	-	10	23	-	-	-	-		
Rhode Island-----	-	-	1	103	-	-	1	78	-	-	-	-		
Connecticut-----	-	-	5	35	-	-	3	28	-	-	-	-		
MIDDLE ATLANTIC-----	-	16	341	503	-	7	227	353	-	4	-	-		
New York-----	-	13	253	277	-	5	163	176	-	3	-	-		
New Jersey-----	-	1	35	85	-	-	28	61	-	1	-	-		
Pennsylvania-----	-	2	53	141	-	2	36	116	-	-	-	-		
EAST NORTH CENTRAL-----	1	6	178	561	-	5	109	350	-	-	9	-		
Ohio-----	-	2	48	129	-	2	22	67	-	-	4	-		
Indiana-----	1	3	20	145	-	2	11	111	-	-	-	-		
Illinois-----	-	-	37	151	-	-	19	103	-	-	4	-		
Michigan-----	-	1	39	95	-	1	30	56	-	-	1	-		
Wisconsin-----	-	-	34	41	-	-	27	13	-	-	-	-		
WEST NORTH CENTRAL-----	-	-	80	178	-	-	36	104	-	-	-	3		
Minnesota-----	-	-	6	55	-	-	6	45	-	-	-	-		
Iowa-----	-	-	21	23	-	-	10	4	-	-	-	2		
Missouri-----	-	-	27	44	-	-	9	32	-	-	-	-		
North Dakota-----	-	-	5	16	-	-	1	7	-	-	-	-		
South Dakota-----	-	-	4	5	-	-	2	1	-	-	-	-		
Nebraska-----	-	-	8	16	-	-	4	9	-	-	-	1		
Kansas-----	-	-	9	19	-	-	4	6	-	-	-	-		
SOUTH ATLANTIC-----	-	-	217	596	-	-	159	473	-	-	1	-		
Delaware-----	-	-	2	-	-	-	1	-	-	-	-	-		
Maryland-----	-	-	44	153	-	-	33	138	-	-	-	-		
District of Columbia-----	-	-	3	5	-	-	3	5	-	-	-	-		
Virginia-----	-	-	12	55	-	-	12	50	-	-	-	-		
West Virginia-----	-	-	33	62	-	-	23	51	-	-	1	-		
North Carolina-----	-	-	21	93	-	-	11	70	-	-	-	-		
South Carolina-----	-	-	34	132	-	-	26	89	-	-	-	-		
Georgia-----	-	-	30	26	-	-	23	24	-	-	-	-		
Florida-----	-	-	38	70	-	-	27	46	-	-	-	-		
EAST SOUTH CENTRAL-----	1	-	91	261	1	-	52	111	-	-	-	-		
Kentucky-----	-	-	27	138	-	-	5	5	-	-	-	-		
Tennessee-----	-	-	25	55	-	-	10	38	-	-	-	-		
Alabama-----	-	-	11	23	-	-	11	23	-	-	-	-		
Mississippi-----	1	-	28	45	1	-	26	45	-	-	-	-		
WEST SOUTH CENTRAL-----	-	5	156	295	-	2	88	190	-	3	-	-		
Arkansas-----	-	3	23	37	-	1	12	27	-	2	-	-		
Louisiana-----	-	2	55	52	-	1	44	32	-	1	-	-		
Oklahoma-----	-	-	4	17	-	-	-	12	-	-	-	-		
Texas-----	-	-	74	189	-	-	32	119	-	-	-	-		
MOUNTAIN-----	3	-	51	101	2	-	30	51	-	-	3	-		
Montana-----	-	-	4	24	-	-	2	17	-	-	-	-		
Idaho-----	1	-	15	11	-	-	6	1	-	-	-	-		
Wyoming-----	-	-	1	22	-	-	-	1	-	-	-	-		
Colorado-----	1	-	11	21	1	-	11	19	-	-	-	-		
New Mexico-----	-	-	3	7	-	-	-	4	-	-	-	-		
Arizona-----	1	-	9	9	1	-	7	7	-	-	3	-		
Utah-----	-	-	8	7	-	-	4	2	-	-	-	-		
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-		
PACIFIC-----	2	3	152	509	2	2	123	437	-	1	6	1		
Washington-----	-	1	32	40	-	1	30	40	-	-	-	-		
Oregon-----	-	-	17	36	-	-	8	19	-	-	-	-		
California-----	2	2	98	423	2	1	80	368	-	1	6	1		
Alaska-----	-	-	-	2	-	-	-	2	-	-	-	-		
Hawaii-----	-	-	5	8	-	-	5	8	-	-	-	-		
Puerto Rico-----	-	2	7	506	-	-	7	497	-	-	-	-		

## Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 24, 1960 AND DECEMBER 23, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092, N998.5 pt.				Measles	
	51st Week		Cumulative, first 51 weeks				51st Week		Cumulative, first 51 weeks			
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	5	18	570	846	21	16	1,195	996	71,402	40,148	3,985	4,139
NEW ENGLAND-----	-	-	8	13	-	-	50	29	2,393	1,144	686	266
Maine-----	-	-	-	3	-	-	7	1	203	82	164	5
New Hampshire-----	-	-	-	-	-	-	1	-	204	34	57	36
Vermont-----	-	-	-	-	-	-	-	1	196	29	1	8
Massachusetts-----	-	-	7	9	-	-	28	8	1,048	540	377	161
Rhode Island-----	-	-	-	1	-	-	6	5	246	211	31	40
Connecticut-----	-	-	1	-	-	-	8	14	496	248	56	16
MIDDLE ATLANTIC-----	-	-	20	17	5	2	190	131	9,553	4,957	699	1,100
New York-----	-	-	7	5	4	1	76	39	4,109	2,636	421	445
New Jersey-----	-	-	-	2	-	-	53	43	2,280	386	186	183
Pennsylvania-----	-	-	13	10	1	1	61	49	3,164	1,935	92	472
EAST NORTH CENTRAL-----	-	-	17	42	1	4	288	237	14,393	7,356	644	1,305
Ohio-----	-	-	2	16	-	-	118	75	4,798	2,559	37	467
Indiana-----	-	-	2	8	-	-	24	37	2,089	874	-	39
Illinois-----	-	-	10	6	1	3	33	76	2,611	1,614	300	39
Michigan-----	-	-	3	10	-	-	1	105	4,500	2,071	217	287
Wisconsin-----	-	-	-	2	-	-	8	4	395	238	90	473
WEST NORTH CENTRAL-----	2	1	56	66	1	1	142	76	6,892	2,797	82	158
Minnesota-----	2	-	40	38	-	-	63	25	1,730	531	17	2
Iowa-----	-	1	2	9	-	-	45	9	1,948	444	6	25
Missouri-----	-	-	1	2	-	-	19	30	1,488	928	1	42
North Dakota-----	-	-	4	3	-	-	7	1	158	182	57	88
South Dakota-----	-	-	6	10	-	-	-	-	199	155	1	1
Nebraska-----	-	-	3	2	1	-	4	2	642	278	-	-
Kansas-----	-	-	-	2	-	1	4	9	727	279	NN	NN
SOUTH ATLANTIC-----	-	4	135	236	7	1	149	83	9,078	4,563	220	344
Delaware-----	-	-	-	-	-	-	-	3	185	266	1	28
Maryland-----	-	-	1	1	-	-	13	12	772	465	25	20
District of Columbia-----	-	-	3	-	-	-	5	2	145	64	20	1
Virginia-----	-	1	17	41	1	-	25	15	1,511	790	78	143
West Virginia-----	-	-	1	4	-	-	28	15	1,598	872	66	29
North Carolina-----	-	1	11	20	1	-	40	8	2,152	466	21	21
South Carolina-----	-	-	14	50	-	-	10	4	522	190	9	58
Georgia-----	-	-	46	45	-	-	8	18	753	300	-	17
Florida-----	-	2	42	75	5	1	20	6	1,440	1,150	-	27
EAST SOUTH CENTRAL-----	-	2	46	139	1	-	82	134	10,612	5,822	386	359
Kentucky-----	-	-	9	56	-	-	15	43	3,117	2,026	-	293
Tennessee-----	-	-	3	9	1	-	40	68	4,156	2,025	310	65
Alabama-----	-	1	27	39	-	-	5	13	1,806	1,228	1	1
Mississippi-----	-	1	7	35	-	-	22	10	1,533	543	75	-
WEST SOUTH CENTRAL-----	3	11	263	295	2	2	38	59	5,057	3,010	234	75
Arkansas-----	-	-	4	16	1	-	6	16	1,000	261	101	1
Louisiana-----	-	-	40	80	-	-	8	2	559	191	-	-
Oklahoma-----	-	-	9	25	-	-	2	-	340	332	4	-
Texas-----	3	11	210	174	1	2	22	41	3,158	2,226	129	74
MOUNTAIN-----	-	-	12	36	-	-	55	87	4,026	3,147	232	180
Montana-----	-	-	2	3	-	-	2	17	342	196	51	29
Idaho-----	-	-	-	11	-	-	9	3	321	329	22	19
Wyoming-----	-	-	-	5	-	-	-	1	158	39	35	1
Colorado-----	-	-	4	3	-	-	25	50	1,389	1,168	8	55
New Mexico-----	-	-	5	4	-	-	2	3	323	341	NN	-
Arizona-----	-	-	-	3	-	-	13	7	691	649	87	61
Utah-----	-	-	-	7	-	-	4	6	657	299	29	5
Nevada-----	-	-	1	-	-	-	-	-	145	126	-	10
PACIFIC-----	-	-	13	2	4	6	201	160	9,398	7,352	802	352
Washington-----	-	-	7	-	-	1	41	28	1,093	1,001	328	91
Oregon-----	-	-	-	-	-	-	16	17	1,468	1,125	89	78
California-----	-	-	2	1	4	5	128	112	6,334	4,888	153	179
Alaska-----	-	-	4	1	-	-	15	3	431	252	232	4
Hawaii-----	-	-	-	-	-	-	1	-	72	86	-	-
Puerto Rico-----	1	2	59	139	-	-	14	35	959	777	32	35

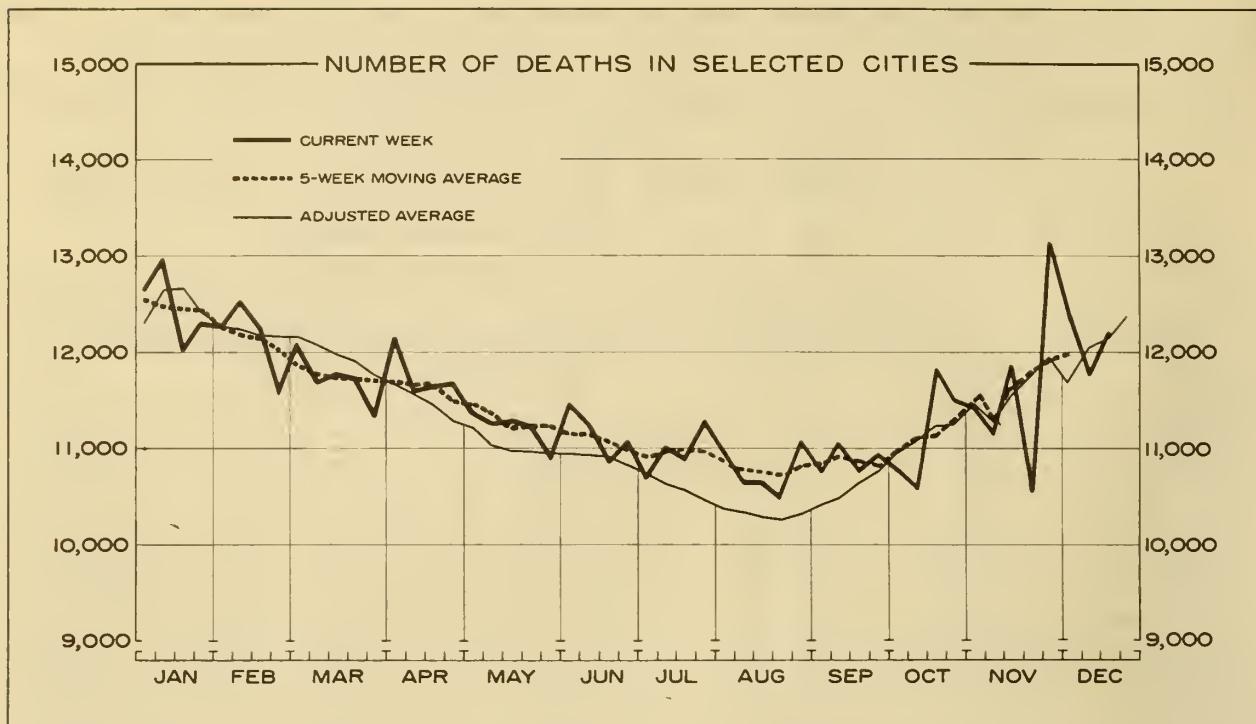
NN=NOT Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 24, 1960 AND DECEMBER 23, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria 110-117	Meningococcal infections 057	Psitta- cosis 096.2	Strepto- coccal sore throat, etc. 050,051	Typhoid fever 040				Typhus fever, endemic 101	Rabies in animals		
					51st Week		Cumulative, first 51 weeks					
					1961	1961	1960	1961	1961	1961	1960	
UNITED STATES-----	-	49	35	-	5,663	7	22	805	808	-	45	26
NEW ENGLAND-----	-	1	1	-	268	1	-	21	11	-	-	-
Maine-----	-	1	-	-	5	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	2	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	-	80	1	-	15	5	-	-	-
Rhode Island-----	-	-	-	-	34	-	-	2	-	-	-	-
Connecticut-----	-	-	-	-	146	-	-	3	4	-	-	-
MIDDLE ATLANTIC-----	-	11	10	-	262	-	2	101	62	-	-	1
New York-----	-	4	1	-	136	-	-	55	35	-	-	1
New Jersey-----	-	-	3	-	62	-	-	17	7	-	-	-
Pennsylvania-----	-	7	6	-	64	-	2	29	20	-	-	-
EAST NORTH CENTRAL-----	-	11	11	-	462	1	3	110	102	-	12	4
Ohio-----	-	3	1	-	77	1	3	47	32	-	3	1
Indiana-----	-	-	1	-	106	-	-	24	25	-	5	2
Illinois-----	-	4	2	-	62	-	-	29	21	-	1	-
Michigan-----	-	4	6	-	91	-	-	7	16	-	2	1
Wisconsin-----	-	-	1	-	126	-	-	3	8	-	1	-
WEST NORTH CENTRAL-----	-	3	3	-	119	-	-	37	48	-	8	6
Minnesota-----	-	-	-	-	24	-	-	5	1	-	2	1
Iowa-----	-	2	1	-	18	-	-	2	11	-	1	1
Missouri-----	-	-	-	-	7	-	-	23	26	-	-	1
North Dakota-----	-	-	2	-	40	-	-	-	1	-	-	1
South Dakota-----	-	1	-	-	5	-	-	3	4	-	3	-
Nebraska-----	-	-	-	-	-	-	-	1	3	-	1	1
Kansas-----	-	-	-	-	25	-	-	3	2	-	1	1
SOUTH ATLANTIC-----	-	9	2	-	253	1	9	134	126	-	4	7
Delaware-----	-	-	-	-	6	-	-	1	1	-	-	-
Maryland-----	-	1	1	-	8	-	-	4	6	-	-	-
District of Columbia-----	-	-	-	-	1	-	-	13	10	-	-	-
Virginia-----	-	-	-	-	72	-	-	20	24	-	1	4
West Virginia-----	-	2	1	-	111	-	-	11	14	-	2	3
North Carolina-----	-	4	-	-	49	-	-	16	9	-	-	-
South Carolina-----	-	-	-	-	6	-	6	8	18	-	-	-
Georgia-----	-	-	-	-	-	1	-	40	27	-	-	-
Florida-----	-	2	-	-	-	-	3	21	17	-	1	-
EAST SOUTH CENTRAL-----	-	2	3	-	1,025	1	2	88	124	-	3	-
Kentucky-----	-	-	-	-	2	-	1	19	33	-	1	-
Tennessee-----	-	1	1	-	947	-	1	51	58	-	2	-
Alabama-----	-	-	2	-	8	1	-	12	25	-	-	-
Mississippi-----	-	1	-	-	68	-	-	6	8	-	-	-
WEST SOUTH CENTRAL-----	-	2	-	-	722	-	3	161	211	-	13	6
Arkansas-----	-	-	-	-	-	1	1	30	56	-	1	5
Louisiana-----	-	2	-	-	5	-	-	27	59	-	1	1
Oklahoma-----	-	-	-	-	2	-	-	14	12	-	-	-
Texas-----	-	-	-	-	715	-	2	90	84	-	11	-
MOUNTAIN-----	-	-	3	-	1,048	-	2	64	49	-	1	1
Montana-----	-	-	-	-	35	-	-	20	13	-	-	-
Idaho-----	-	-	-	-	176	-	-	1	3	-	-	-
Wyoming-----	-	-	1	-	46	-	-	3	4	-	-	-
Colorado-----	-	-	2	-	163	-	-	7	1	-	-	-
New Mexico-----	-	-	-	-	233	-	2	17	16	-	1	1
Arizona-----	-	-	-	-	223	-	-	10	10	-	-	-
Utah-----	-	-	-	-	172	-	-	2	2	-	-	-
Nevada-----	-	-	-	-	-	-	4	-	-	-	-	-
PACIFIC-----	-	10	2	-	1,504	3	1	89	75	-	4	1
Washington-----	-	-	-	-	525	-	-	7	5	-	-	-
Oregon-----	-	3	-	-	26	-	-	1	8	-	-	-
California-----	-	7	2	-	847	3	1	78	61	-	4	1
Alaska-----	-	-	-	-	88	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	18	-	-	3	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	5	22	25	-	-	-

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates re-

ceived during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	51st week ended Dec. 23, 1961	50th week ended Dec. 16, 1961	Adjusted average, 51st week 1956-60	Percent change, adjusted average to current week <sup>1</sup>	Cumulative, first 51 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	12,190	11,781	12,143	+0.4	585,320	587,303	-0.3
New England----- (14 cities)	769	787	734	+4.8	36,177	36,985	-2.2
Middle Atlantic----- (20 cities)	3,351	3,314	3,301	+1.5	165,784	163,625	+1.3
East North Central----- (21 cities)	2,640 <sup>2</sup>	2,510	2,587	+2.0	125,169	127,002	-1.4
West North Central----- (9 cities)	895	741	855	+4.7	39,982	40,720	-1.8
South Atlantic----- (11 cities)	1,034	1,041	1,050	-1.5	50,558	50,262	+0.6
East South Central----- (8 cities)	531	532	535	-0.7	26,573	26,559	+0.1
West South Central----- (13 cities)	994	1,055	1,137	-12.6	49,961	51,036	-2.1
Mountain----- (8 cities)	375 <sup>2</sup>	398	376	-0.3	18,697	18,479	+1.2
Pacific----- (13 cities)	1,601	1,403	1,568	+2.1	72,419	72,635	-0.3

\*Includes estimate for missing reports.

# Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES

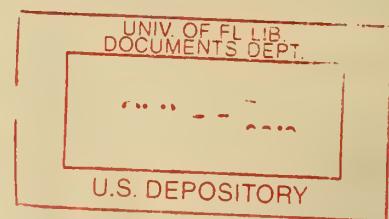
(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	51st week ended Dec. 23, 1961	50th week ended Dec. 16, 1961	Cumulative, first 51 weeks		Area	51st week ended Dec. 23, 1961	50th week ended Dec. 16, 1961	Cumulative, first 51 weeks	
	1961	1960	1961	1960		1961	1960	1961	1960
<b>NEW ENGLAND:</b>									
Boston, Mass.	284	262	12,453	12,814	WEST NORTH CENTRAL--Con.:	296	246	12,128	12,416
Bridgeport, Conn.	43	37	1,993	2,089	St. Louis, Mo.	64	54	3,348	3,518
Cambridge, Mass.	42	26	1,516	1,550	St. Paul, Minn.	46	37	2,382	2,370
Fall River, Mass.	24	34	1,405	1,448	Wichita, Kans.				
Hartford, Conn.	56	64	2,510	2,553	<b>SOUTH ATLANTIC:</b>				
Lowell, Mass.	24	32	1,266	1,209	Atlanta, Ga.	124	116	5,788	5,985
Lynn, Mass.	24	24	1,135	1,244	Baltimore, Md.	287	275	12,561	12,833
New Bedford, Mass.	33	35	1,327	1,301	Charlotte, N.C.	37	39	1,870	1,953
New Haven, Conn.	53	30	2,293	2,278	Jacksonville, Fla.	56	73	2,970	3,001
Providence, R.I.	59	71	3,190	3,297	Miami, Fla.	77	88	3,867	3,636
Somerville, Mass.	10	14	671	684	Norfolk, Va.	56	44	2,513	2,030
Springfield, Mass.	35	51	2,246	2,296	Richmond, Va.	69	76	3,963	3,957
Waterbury, Conn.	36	37	1,373	1,427	Savannah, Ga.	24	16	1,644	1,709
Worcester, Mass.	46	70	2,799	2,795	St. Petersburg, Fla.	(--)	(90)	(--)	(3,617)
<b>MIDDLE ATLANTIC:</b>									
Albany, N.Y.	65	47	2,371	2,204	Tampa, Fla.	53	67	3,321	3,315
Allentown, Pa.	33	39	1,752	1,797	Washington, D.C.	209	214	10,046	9,858
Buffalo, N.Y.	153	146	7,394	7,360	Wilmington, Del.	42	33	2,015	1,985
Camden, N.J.	55	38	2,164	2,145	<b>EAST SOUTH CENTRAL:</b>				
Elizabeth, N.J.	27	33	1,506	1,492	Birmingham, Ala.	99	102	4,417	4,351
Erie, Pa.	45	40	1,998	1,992	Chattanooga, Tenn.	43	49	2,366	2,412
Jersey City, N.J.	73	68	3,542	3,595	Knoxville, Tenn.	21	31	1,411	1,429
Newark, N.J.	81	92	5,167	4,963	Louisville, Ky.	145	80	5,816	5,791
New York City, N.Y.	1,785	1,721	84,750	83,809	Memphis, Tenn.	76	129	5,794	5,678
Paterson, N.J.	36	40	1,977	2,006	Mobile, Ala.	58	29	2,068	2,133
Philadelphia, Pa.	463	500	25,562	24,637	Montgomery, Ala.	35	31	1,651	1,737
Pittsburgh, Pa.	162	214	9,752	9,832	Nashville, Tenn.	54	81	3,050	3,028
Reading, Pa.	22	26	1,192	1,207	<b>WEST SOUTH CENTRAL:</b>				
Rochester, N.Y.	112	95	5,170	5,152	Austin, Tex.	30	37	1,724	1,716
Schenectady, N.Y.	15	24	1,224	1,191	Baton Rouge, La.	30	41	1,450	1,462
Scranton, Pa.	33	37	1,800	1,988	Corpus Christi, Tex.	13	29	1,118	1,169
Syracuse, N.Y.	70	49	3,138	3,191	Dallas, Tex.	130	109	6,318	6,361
Trenton, N.J.	53	45	2,297	2,077	El Paso, Tex.	36	39	1,813	1,936
Utica, N.Y.	33	24	1,463	1,382	Fort Worth, Tex.	54	52	3,277	3,403
Yonkers, N.Y.	35	36	1,565	1,605	Houston, Tex.	165	190	8,245	8,425
<b>EAST NORTH CENTRAL:</b>									
Akron, Ohio	49	59	2,897	2,902	Little Rock, Ark.	89	45	2,877	2,926
Canton, Ohio	37*	42	1,644	1,770	New Orleans, La.	170	195	8,582	9,120
Chicago, Ill.	825	746	37,827	39,062	Oklahoma City, Okla.	78	90	2,804	3,804
Cincinnati, Ohio	139	147	7,971	8,029	San Antonio, Tex.	107	112	5,204	5,117
Cleveland, Ohio	221	208	10,331	10,743	Shreveport, La.	39	54	2,585	2,739
Columbus, Ohio	121	135	5,889	6,060	Tulsa, Okla.	53	62	2,784	2,774
Dayton, Ohio	82	79	4,082	3,921	<b>MOUNTAIN:</b>				
Detroit, Mich.	387	349	16,991	17,074	Albuquerque, N. Mex.	30	25	1,613	1,626
Evansville, Ind.	30	37	1,843	1,895	Colorado Springs, Colo.	19	16	843	844
Flint, Mich.	47	35	2,171	2,065	Denver, Colo.	99	122	5,865	6,121
Fort Wayne, Ind.	43	38	1,938	1,873	Ogden, Utah	24	12	862	831
Gary, Ind.	41	30	1,587	1,564	Phoenix, Ariz.	82	91	4,210	3,913
Grand Rapids, Mich.	49	60	2,318	2,098	Pueblo, Colo.	17*	26	868	821
Indianapolis, Ind.	154	146	7,328	7,397	Salt Lake City, Utah	56	57	2,472	2,482
Madison, Wis.	30	40	1,700	1,677	Tucson, Ariz.	48	49	1,964	1,841
Milwaukee, Wis.	136	127	6,273	6,416	<b>PACIFIC:</b>				
Peoria, Ill.	42	24	1,461	1,562	Berkeley, Calif.	18	24	869	872
Rockford, Ill.	32*	28	1,454	1,474	Fresno, Calif.	(59)	(47)	(2,234)	(2,272)
South Bend, Ind.	25	25	1,451	1,499	Glendale, Calif.	(24)	(27)	(1,680)	(1,876)
Toledo, Ohio	97	100	5,055	5,093	Honolulu, Hawaii	36	37	2,052	2,105
Youngstown, Ohio	53	55	2,958	2,828	Long Beach, Calif.	59	61	2,844	2,820
<b>WEST NORTH CENTRAL:</b>									
Des Moines, Iowa	45	48	2,776	2,815	Los Angeles, Calif.	554	491	25,599	25,396
Duluth, Minn.	28	16	1,299	1,293	Oakland, Calif.	97	96	4,984	4,907
Kansas City, Kans.	35	35	1,917	1,818	Pasadena, Calif.	49	34	1,726	1,760
Kansas City, Mo.	142	116	6,536	6,422	Portland, Oreg.	174	77	5,558	5,593
Lincoln, Nebr.	(20)	(39)	(1,435)	(1,321)	Sacramento, Calif.	60	50	3,149	3,006
Minneapolis, Minn.	142	122	6,056	6,343	San Diego, Calif.	80	72	4,547	4,639
Omaha, Nebr.	97	67	3,540	3,725	San Francisco, Calif.	207	219	9,942	10,072
<b>San Juan, P. R.</b>									
<i>*Estimate - based on average percentage of divisional total.</i>					<i>( ) Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.</i>				

## Morbidity and Mortality Weekly Report

also from samples of the turkey, beans, garbage from the kitchen, vomitus from one of the patients, and from a swab from the still unwashed knife, with which the suspect turkey had been sliced. Bacteriophage typing of the staphylococci isolated was not reported.

(Reported by Nicholas J. Fiumara, M.D., Director of Division of Communicable Diseases, Massachusetts Department of Public Health.)



### International Notes - Quarantine Measures

No changes

### SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE  
Communicable Disease Center  
Atlanta 22, Georgia

Official Business

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF H.E.W.

